

COMMUNICATION APPARATUS AND PORTABLE TELEPHONE

ABSTRACT OF THE DISCLOSURE

5 A portable telephone having an antenna for
transmitting and/or receiving a wireless signal, a
microphone for generating a sound signal corresponding to
an input sound, a transmitting and receiving circuit for
generating a wireless signal corresponding to the sound
10 signal generated by the microphone to transmit the
wireless signal through the antenna and generating a
sound signal corresponding to the wireless signal
received by the antenna, a receiver for outputting sound
corresponding to the sound signal generated by the
15 transmitting and receiving circuit, a shield case for
surrounding and housing all or part of the transmitting
and receiving circuit and being conductive, an electric
wave absorber with one face in contact with a
predetermined area of the shield case for absorbing an
20 electric wave, and a conductive layer formed on another
face of the electric wave absorber and electrically
connected to the shield case.